

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions and listings of claims in the application:

**Listing of Claims:**

1. **(Currently Amended)** A method of requirements traceability based on a UML (Unified Modelling Language) model, comprising the steps of:  
using a graphics interface when creating an element of the UML model,  
~~using a constraint adding function of a modelling tool opening a «add new» function of a modelling tool and use a «constraint» option therein~~ for attaching a requirement immediately on a common element that contains a set of elements, and on which the requirement has repercussions, in the graphics interface and wherein the element is systematically filled in with an upward requirement which has given rise to a creation of the element.
2. **(Cancelled)**
3. **(Currently Amended)** The method as claimed in claim 1, ~~comprising the steps of:~~ wherein when an element of the model is deleted, all the UML requirement attached to this element are likewise deleted.
4. **(Previously Presented)** The method as claimed in claim 3, wherein all the UML requirements attached to all the elements attached to said element are likewise deleted.
5. **(Currently Amended)** The method as claimed in claim 1, ~~comprising the steps of:~~ exporting the UML requirements ~~are exported~~ to a requirements management tool so as to ensure therein their management and their traceability.
6. **(Currently Amended)** The method as claimed in claim 5, ~~comprising the steps of:~~ wherein, in the course of the development of the model, the UML requirements are exported to the requirements management tool, ~~in the course of the development of the model,~~ each time that this model has attained a stable state.

7. (Previously Presented) The method as claimed in claim 1, wherein when an element of the model is deleted, all the UML requirements attached to this element are likewise deleted.
8. **(Currently Amended)** The method as claimed in claim ~~[[1]]~~ 6, wherein the UML requirements are exported to the requirements management tool so as to ensure therein their management and their traceability.
9. (Previously Presented) The method as claimed in claim 3, wherein the UML requirements are exported to the requirements management tool so as to ensure therein their management and their traceability.
10. (Previously Presented) The method as claimed in claim 4, wherein the UML requirements are exported to the requirements management tool so as to ensure therein their management and their traceability.